

Abstract

The present invention discloses a method for providing reliable transmission
5 Quality of Service (QoS) in communication network, in this method, a QoS
connection is established between bearer network resource managers in bearer
network control layer, and maintenance management mechanism is well established
in terms of the said QoS connection. Various QoS resource control messages can be
carried through this established QoS connection, so that request of service bandwidth
10 application of the user and the result thereof, as well as the path information allocated
by bearer network resource managers can be transferred. The method of the present
invention is reliable and easy to implement and maintain, with good controlled quality,
and can implement resource synchronization between bearer network resource
managers. Therefore, implementation of the present invention makes it more
15 convenient to manage resources of bearer network uniformly, and provides technical
support on guaranteeing transmission reliability of important services.